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**SALMON FOR MAINE WATERS.****Government to Plant Humpback Variety Along New England Coast.**

One of the most interesting and promising pieces of constructive fishery work now in progress in the Bureau of Fisheries, Department of Commerce, is the introduction of the humpback salmon of the Pacific coast into the littoral waters of Maine.

The native salmon of the New England coast has become very scarce, and there is a noteworthy run only in the Penobscot River, where the bureau conducts extensive operations addressed to this species. Owing to unfavorable physical conditions (dams, pollutions, removal of forests at headwaters, etc.) in most of the streams formerly frequented by the salmon, there is little or no probability that this fish can ever be re-established. The humpback salmon has therefore been selected as a suitable substitute. It spawns near salt water, and will find numerous favorable streams in which the eggs will hatch and the young remain until ready for their short marine life. The average weight attained is five pounds, but examples weighing 10 pounds are sometimes taken in Alaska. When the fish is fresh-run from the sea, the flesh is of a rich red color, of delicious flavor, and a very satisfactory substitute for the Atlantic salmon.

The bureau has begun an annual transfer of humpback eggs from the West coast to the Maine hatcheries, and is now distributing, in the form of fingerlings, the fish resulting from last year. The plants will aggregate about seven and a quarter millions, and the waters stocked, which have been specially selected for the purpose, will include the following Maine rivers: Penobscot, Androscoggin, Pleasant, Damariscotta, Dennys, Orland, Union, Georges, Medomak and St. Croix.

This work will be continued on a large scale annually until the humpback has been firmly established. In 1913 the humpback run in Puget Sound was valued at \$4,000,000, the fish being used chiefly for canning. In Maine and other New England waters the humpback will be in greatest demand as a fresh fish.

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**The Bradley at Portland.**

The Gloucester fishing sch. John R. Bradley, which was used by Dr. Cook in his celebrated dash to the North Pole, was in port yesterday, taking on salt at the W. H. Shurtleff Co.'s sheds, Union wharf. The schooner is on her way to Newfoundland, where Capt. Arsenault, her skipper, plans to secure a cargo of fish and oil. The Bradley is a fine looking craft of 112 tons, built at Essex, Mass., in 1900, and is now owned by the Gorton-Pew Co. of Gloucester. When taken over by Dr. Cook for his exploration trip in order to strengthen her against being cut through by the ice her sides from stem to stern and well below the water line were covered with two inch sheathing which yet remains, giving her a rather odd appearance.—Portland Argus, July 11.

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**ARCHIE MCLEOD HAS FINE FARE**

Sch. John Hays Hammond, Capt. Archie McLeod, arrived last evening from Emerald Bank, with 27,000 pounds of fresh halibut and 90,000 pounds fresh fish. The trip sold to the New England Fish Company to take out in Boston.

From Western Bank, sch. Mary De Costa brings 75,000 pounds fresh fish. Sch. Georgianna at Boston yesterday, brought down 15,000 pounds salt cod to take out here.

Sch. Marsala arriving yesterday noon had 18,000 pounds salt cod and 2000 pounds fresh halibut.

**Today's Arrivals and Receipts.**

The arrivals and receipts in detail are:

Sch. Marsala, Georges handlining, 20,000 lbs. salt cod, 2000 lbs. fresh halibut.

Sch. John Hays Hammond, Emerald Bank, 28,000 lbs. fresh halibut, 90,000 lbs. fresh fish.

Sch. Mary DeCosta, Western Banks, 75,000 lbs. fresh fish.

Sch. Georgianna, via Boston, 15,000 lbs. salt cod.

**Vessels Sailed.**

Sch. Etta Mildred, drifting.

Sch. Margaret Dillon, drifting.

Sch. Good Luck, drifting.

Sch. Thalia, drifting.

Sch. Hortense, drifting.

Sch. Sadie M. Nunan, haddocking.

Sch. Mary F. Sears, haddocking.

Sch. Emily Sears, swordfishing.

Sch. Actor, swordfishing.

Steamer Philomena, seining.

Steamer Lois H. Corkum, seining.

Steamer Venture, seining.

Steamer Mary F. Ruth, seining.

Sch. Rob Roy, seining.

**TODAY'S FISH MARKET.****Salt Fish.**

Handline Georges codfish, large \$5 per cwt.; medium, \$4.25; snappers, \$3.00

Georges halibut, codfish, large, \$5; medium, \$4.25.

Eastern halibut codfish, large, \$4.25; medium, \$3.75; snappers, \$3.

Salt trawl bank codfish, large, \$4; medium, \$3.50.

Salt drift codfish, large, \$4.50; medium, \$4.

Cush, large, \$3; medium, \$2; snappers, \$1.50.

Haddock \$2.50.

Hake, \$1.80.

Pollock, \$1.75.

Flitched halibut, \$ 1-2c, 6c and 3c per lb.

Cape Shore salt mackerel, \$9 per bbl.

Salt tinker mackerel, \$11 per bbl.

**Fresh Fish.**

Splitting prices:

Haddock, \$1.10 per cwt.

Western cod, large, \$2.40; medium, \$2; snappers, 75c.

Eastern cod, large, \$2.15; medium, \$1.85; snappers, 75c.

Drift cod, large, \$2.40; medium, \$2. All codfish, not gilled, 10c per 100 pounds less than above.

Hake, \$1.30.

Cusk, large, \$1.65; medium, \$1.20; snappers, 50c.

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Pollock, \$1.

Small pollock, 60c per bbl. Fresh halibut 13c per lb. for white and 11c for gray.

Large shore herring, \$3 per bbl. for bait; \$2 t freezer; \$1.75 to salt.

Fresh mackerel, 25c each for large, 18c for medium, 5c per lb. for tinkers.

Fresh shad, \$2.50 per bbl.

Fresh bluebacks, \$2.50 per bbl. for bait; \$1.50 to salt and freeze; 60c per bbl. for oil.

Whiting, 60c per bbl.

**NEW PIER GETS MORE MACKEREL**

The only ground fishermen arriving at the Boston fish pier since yesterday are steamer Surf with 60,000 pounds and sch. Gertrude DeCosta, 45,000 pounds.

Yesterday afternoon sch. Corsair, Capt. George G. Hamor, arrived again at the dock with 7000 pounds small fresh mackerel and 44 barrels salt. Other mackerel fares in are sch. Imperator with 15,000 pounds and 20 barrels salt; steamers Margaret L., 4500 lbs.; Quoddy, 2500 lbs.

Wholesale quotations were \$2.30 to \$2.50 a hundred for haddock, \$3.75 for large and \$1.75 for market cod, \$1 for pollock and 8 cent a pound for fresh mackerel.

**Boston Arrivals and Receipts.**

The arrivals and receipts in detail are:

Sch. Corsair, 7000 lbs. small fresh mackerel, 44 bbls. salt mackerel.

Sch. Imperator, 15,000 lbs. small fresh mackerel, 20 bbls. salt mackerel.

Str. Quoddy, 2500 lbs. small fresh mackerel.

Str. Surf, 60,000 haddock, 200 cod.

Sch. Gertrude DeCosta, 23,000 haddock, 9000 cod, 5000 hake, 6000 pollock.

Str. Margaret L., 450 lbs. small fresh mackerel.

Haddock, \$2.30 to \$2.50 per cwt.; large cod, \$3.75; market cod, \$1.75; pollock, \$1; fresh mackerel, small, 8 cents per lb.

**War Drives French Fish Fleet Home.**

The large French fishing fleet that operates off St. Pierre each season has abandoned fishing as the men have been ordered back to France from Miquelon. As a result the business of St. Pierre is badly crippled, nearly all the Frenchmen having departed.

Says a despatch from St. Pierre: "The outbreak of the European war has caused the withdrawal of nearly the entire French fishing fleet from this colony, and many of the steam trawlers have returned to Havre and Brest. Business here has been badly crippled, especially since the bank refused to cash drafts and checks on France. Fishing is still going on from schooners and small craft.

"As soon as hostilities were announced by cable, the colonial government sent two steam trawlers to the

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fleet, ordering all vessels that are sufficiently supplied with coal provisions to proceed to France immediately. Others were brought back here to refit and have been sent for Brest every few days. I left yesterday with two officers, 32 soldiers who have been stationed here for some time as reserves. "A number of sailors here are ready to leave at once for France to enter in the navy."

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**CAPTURED EIGHT HORSE MACKEREL**

Story & Stevens' pole trap at Island, captured eight horse mackerel yesterday morning. Three of the broke through the twine and escaped but the other five were taken landed at Rockport and shipped to York. They weighed 2500 pounds. trap has taken horse mackerel but this is the largest number taken at one time.

Some of the incoming seiners mackerel schooling in good sized on Middle Bank the past few days, wild and hard to set around. A body of fish have been shown but they would not keep up any length of time.

Capt. Ambrose Fleet of sch. Mary Harty says that he saw no fish in bay since Saturday night.

Lottie G. Merchant, Ralph L. H. Esperanto were there at the time they left later for the southwest.

The salt mackerel fare of sch. L. Dixon sold in Boston, the price being \$13 a barrel it understood. The Dixon had 160 barrels.

The salt mackerel fare of sch. L. Dixon, consisting of 16 barrels sold to Gloucester Mackerel Company for a lump sum of \$400.

The salt mackerel fare of sch. Roy, comprising 63 barrels sold to Gorton-Pew Fisheries company, owners for a lump sum of \$835 brings the price to \$13.25 per barrel.

The fares of Sch. Marguerite, 150 barrels, Mary E. Harty, 150 barrels and Constellation, 90 barrels sold to William H. Jordan and the owners for \$12.50 per barrel.

**Had Propellor Trouble.**

Sch. Rob Roy, Capt. Lemuel, arriving here Tuesday afternoon forced to put into harbor because of trouble with her propellor.

**Broke Main Boom.**

Sch. Thomas Brundage, fresh, returned here yesterday because of a broken main boom.

**Halibut Sale.**

The halibut fare of sch. John Hammond sold to take out for nine cents per pound for seven cents for large gray and five cents for small gray. She is to Boston to take out.



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# LITTLE WATER KEPT THEM ALIVE

## Stray Men from Sch. Tacoma Rescued After Being Four Nights and Days in Dory—Had Rowed 200 Miles —Helpless When Found.

After being astray four days and nights during which they suffered terrible hardships, Everett Conroy and Alexander Harrington, two of the men from the Tacoma, Capt. William Corkum and this port were picked up by the Tacoma last Sunday and brought to Boston yesterday.

The men were so weak from exhaustion that they had to be lifted on shore by the Tacoma. They were sighted 20 miles southeast of Little Hope, N. S., Sunday and with little strength remaining the men rowed towards the shore. They had lost their craft in a dense fog and while fishing on

Western Banks started in the direction of land. For four days and nights the men rowed alternately, continuing until they were so stiffened in muscles and weak from exhaustion and hunger that they were obliged to give up. The small supply of water in their dory was all that kept them alive, which they drank sparingly.

When picked up by the Tacoma, the men were in a bad shape physically. On board the Tacoma they were given every consideration and after being revived told of their experience. They rowed they figure fully 200 miles in an effort to reach land.

When the Tacoma reached Boston yesterday, the men had fully recovered. They will wait in Boston until the arrival of the Richard.

## MAKERELING AS PORTLAND SEES IT

The salt mackerel catch to date is ahead of last year at this time, being up 6,667 barrels as compared with 1757 barrels for the same time in 1913, while the fresh mackerel catch to date is 51,937 barrels, as compared with 28,809 barrels in 1913.

This is encouraging and is in line with the reports that have been coming in from all along the New England coast for the past month. A writer in the Gloucester Times also comments optimistically as follows: "The old timers will be delighted to hear of mackerel hauls off the Isle of Shoals. Who knows, perhaps soon the fish may come up in Squam River and the hook and then won't there be a lot of fish from the water bridge to Pearce's land? Come, sonny, polish up your

rod of which reminds us of a recent conversation with James Nickerson, of Orrs Island. He related that during this fine run of mackerel the Island fishermen have caught their full share of tinkers which they sell for from 1 to 3 cents per pound. They command more than that. A barrel of mackerel weighs 200 pounds and the fish run from 3-4 to 1 1/2 inches for which the fishermen are paid fresh \$2 a barrel. These same fish when split and salted are brought

Naturally this led to an inquiry as to why the fishermen did not split and salt all their tinker mackerel, and Mr. Nickerson gave the interesting information that to the younger generation of fishermen mackerel catching is a new and comparatively unknown game. So it is not unlikely that our quoted Gloucester writer will have to show "Sonny" what a mackerel jig is before it can be polished up. Instead of getting rich out of the present fine run of tinkers the young Maine coast fishermen are selling them to the wholesalers and cold storage people for \$2 a barrel because they are not equipped with the necessary paraphernalia for mackerel catching nor are they familiar with the methods which enabled their fathers back in the 80's to accumulate small sized fortunes in the fisheries.

A majority of the young fellows do not even know how to properly split a mackerel for salting. The vessels used by them for fishing are too small for carrying barrels and then, too, the fishermen have no supply of barrels on hand. All along the coast the cold storage concerns are stocking up on these fine tinkers and it is reasonable to suppose that about the time when the Wintry winds blow and we are paying \$27 a barrel for imported mackerel, as we do each winter, they will unload the supplies they are now accumulating. And who can blame them? But the point is that the fishermen are not making much money out of mackerel because they are not equipped and it is a new game to the young fellow. Should the present fine run continue and then recur another year the chances are they will be better prepared. In 1886, which was the year

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of the high-water catch, nearly half a million barrels of mackerel were caught and eaten by the people.—Portland Press and Advertiser.

### Portland Fish Notes.

Dullness yet prevails in the local fish business, the extraordinary scarcity of fish which has prevailed for the past three weeks having discouraged many of the fishermen, who say that the present conditions are the worst they ever knew. It is not unusual during the summer season for the fish to disappear for a week or so, but in the present case many of the localities where fish in former years have always been found are now absolutely deserted. The fleet of fishing steamers operating out of this port have hardly seen a fish for a fortnight, while the boat fishermen working near shore complain that the few fish they get on their hooks are stripped to the head by dogfish before they can get them into their boats. The dogfish this season are claimed to be the largest and fiercest ever seen on the coast, some of them being fully four feet long.

What is believed to be the largest fare of fish ever landed at this port was that brought in Tuesday by the beam trawler Wave, she landing 160,000 pounds of mixed fish at the Burnham & Morrill factory. The catch was made in the South Channel, where fish seem to be plenty enough, a marked contrast to the conditions prevailing in this vicinity.

The schooner Marie Turner arrived Tuesday with a fare of 10,000 lbs. of halibut and 20,000 pounds of shack fish.

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## BIG FARE FOR SCH. F. L. OLIVER

At Boston this morning is sch. Flora L. Oliver from a Georges trip with 150,000 pounds fresh fish, one of the largest fares of the summer. Most of the trip will probably be sent here to split.

Other groundfishermen in were schs. Viking and John J. Fallon and the beam trawler Crest, besides two with swordfish and the mackerel trips reported in another column.

Dealers quoted \$1.50 to \$2.50 a hundred weight for haddock, \$3.25 to \$4 for large and \$2 for market cod, \$1.50 for pollock and 12 cents a pound for fresh halibut.

### Boston Arrivals and Receipts.

The arrivals and receipts in detail are:

Sch. John J. Fallon, 50,000 haddock, 21,000 cod, 4000 hake, 2000 pollock.  
Str. Crest, 34,000 haddock, 700 cod.  
Sch. Viking, 1500 haddock, 19,000 cod, 200 pollock.

Sch. Flora L. Oliver, 100,000 haddock, 50,000 cod, 500 halibut.

Str. A. B. Widerson, 30,000 lbs. small fresh mackerel.

Sch. Corsair, 14,000 lbs small fresh mackerel.

Str. Carrie and Mildred, 10,000 lbs. small fresh mackerel.

Sch. Ralph L. Hall, 18,000 lbs small fresh mackerel, 22 bbls. salt mackerel.

Str. Quoddy, 7000 lbs. small fresh mackerel.

Sch. Lottie G. Merchant, 4000 lbs. small fresh mackerel, 4100 large and medium, 20 bbls salt mackerel.

Str. Foam, 22,000 haddock, 500 cod.

Sch. Pythian, 15,000 lbs. small fresh mackerel.

Sch. Advance, 40 swordfish

Haddock, \$1.50 to \$2.50 per cwt.; large cod, \$3.25 to \$4; market cod, \$2; pollock, \$1.50; halibut, 12c lb. for white and gray; swordfish, 16c lb. for fresh mackerel, 30c to 40c each for large, 10c to 12c for medium, 5c lb. for small.

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## PLACE BAN ON SALEM CLAMS

State House, Boston, August 13.—The Commissioners on Fisheries and Game have received formal notice from the State Board of Health that that board had made investigations, and had therefrom concluded that the waters of Salem Harbor are so contaminated with sewage that the clams taken therefrom are dangerous to the public health. According to sections 113 and 114 of chapter 91 of the Revised Laws, the State Board of Health requests the Commissioners on Fisheries and Game to prohibit the taking of clams within the following described territory:

The waters or flats of Collins Cove, Salem Harbor, inside or south of a line drawn from the wharf of the Salem Gas Company to Old Hospital Point, and also the waters or flats of Palmer's Cove inside or west of a line from Long Point to Pickering's Point.

At the meeting of the Board of Commissioners on Fisheries and Game on August 7th, it was voted that action be taken on this matter, and the prohibition against taking shellfish in the harbor be put in force on and after September 1, 1914.

### Labrador Not Improved.

Says the St. John's, N. F., Trade Review:

Labrador has not improved much since we last wrote, and the voyage will be short and late. The Northern part of the island has improved a little, but not much, squids are scarce. To the west and south the catches are small, but there is a little doing everywhere. In the city nobody wants to buy fish at present, owing to the uncertainty of chance for marketing, but merchants are taking from dealer at \$5 per quintal, without prejudice to after the war conditions.

### Marine Railway Collapses.

With the steamer Long Island in the cradle, the marine railway of Richard T. Green in Marginal street, Chelsea, collapsed late Wednesday afternoon. The boat went into the water but the only damage was to the pilot house. A wooden block was thrown across the street and through a factory window. No one was injured.